

IN THE CLAIMS:

1 1. (Currently Amended) A method of payment for equipment usage, the method
2 comprising:
3 establishing a minimum commitment for equipment usage per time period; and
4 exchanging payments for the equipment usage per time period based on a ~~greater one~~
5 ~~of an aggregated usage whose value is at least as great as the greater of cumulative~~
6 ~~equipment usage~~ and cumulative minimum commitments.

1 2. (Original) The method of claim 1, wherein exchanging payments comprises:
2 multiplying said equipment usage by a price per unit of usage to obtain a usage
3 payment;
4 determining a first difference between the cumulative minimum commitments and
5 the aggregated usage when the aggregated usage is less than the cumulative minimum
6 commitments;
7 adding to the usage payment an amount determined by multiplying said first
8 difference by the price per unit of usage; and
9 updating the aggregated usage to include the first difference.

1 3. (Original) The method of claim 2, wherein establishing the minimum commitment
2 comprises:
3 identifying costs for the equipment; and
4 identifying the price per unit of usage based on the costs of the equipment.

1 4. (Original) The method of claim 3, wherein the costs are based on at least one of an
2 acquisition cost of the equipment, services to be provided, and supplies to be provided.

1 5. (Original) The method of claim 4, wherein the costs are further based on at least one of
2 an expected value of the equipment after a predetermined number of time periods,
3 remarketing costs, a time value of money, profit margins, and risk of loss.

1 6. (Original) The method of claim 2, wherein exchanging payments comprises:
2 determining a second difference between the aggregated usage and a cumulative
3 usage when the aggregated usage is at least equal to the cumulative minimum commitment
4 and the cumulative usage is less than the aggregated usage;
5 subtracting from the usage payment an amount determined by multiplying a lesser
6 one of the first difference and the second difference by the price per unit of usage; and
7 updating the aggregated usage by subtracting the lesser one.

1 7. (Original) The method of claim 1, further comprising:
2 identifying a number of time periods as a term for the usage of the equipment; and
3 identifying a total commitment for the term of usage as a sum of the minimum
4 commitments for the time periods of the term, wherein exchanging payments is limited by
5 the total commitment.

1 8. (Original) The method of claim 7, further comprising exchanging a payment to purchase
2 the equipment when a total of payments exceeds the total commitment multiplied by a price
3 per unit of usage.

1 9. (Original) The method of claim 7, further comprising:
2 determining a price per unit of usage based on continued usage of the equipment
3 beyond the total commitment;
4 increasing the total commitment when the aggregated usage exceeds the total
5 commitment; and
6 exchanging payments for continued usage based on the continued usage multiplied
7 by the price per unit of usage.

1 10. (Original) The method of claim 1, further comprising setting the minimum commitment
2 for at least one time period at a start of the equipment usage to a lesser amount than the
3 minimum commitment for other time periods.

1 11. (Original) The method of claim 1, further comprising increasing the minimum
2 commitment to obtain upgrades for the equipment.

1 12. (Original) The method of claim 1, further comprising:
2 remarketing the equipment to obtain new equipment; and
3 changing the minimum commitment based on a difference between a market value
4 and a value realized by the remarketing.

1 13. (Original) The method of claim 12, wherein changing the minimum commitment
2 comprises exchanging a payment based on the difference.

1 14. (Original) The method of claim 1, wherein the equipment comprises multiple pieces of
2 equipment, the method further comprising combining usage for the multiple pieces of
3 equipment to obtain the equipment usage per time period.

1 15. (Original) A method of payment for equipment usage, the method comprising:
2 establishing a minimum commitment for equipment usage per time period based on
3 multiplying a minimum number of units of usage per time period by a price per unit of
4 usage;

5 multiplying an aggregated usage by the price per unit of usage to obtain a first
6 payment;

7 exchanging payments for the equipment usage per time period based on subtracting a
8 total of previous payments from a greater one of the first payment and cumulative minimum
9 commitments; and

10 updating the aggregated usage to reflect the cumulative minimum commitments
11 when the cumulative minimum commitments exceed the first payment.

1 16. (Original) The method of claim 15, wherein exchanging payments further comprises:
2 determining a first difference based on subtracting the cumulative minimum
3 commitments from the first payment when the first payment is greater than the cumulative
4 minimum commitments;

determining a second difference based on multiplying a result of subtracting cumulative usage from the aggregated usage by the price per unit of usage when the cumulative usage is less than the aggregated usage;

subtracting from the first payment an amount equal to multiplying a lesser one of the first difference and the second difference by the price per unit of usage; and

updating the aggregated usage by subtracting the lesser one from the aggregated usage.

17. (Currently Amended): A computer-readable medium as defined in claim 52 wherein; program tangibly stored on a computer-readable medium and operable to cause a computer to enable structuring a requirements contract for equipment usage, the computer program comprising instructions to:

----- establish a price per unit of usage;

----- establish a minimum number of units of usage per time period;

----- track usage of the equipment per time period;

----- obtain payments per time period based on

A) the quantity p_i is the payment for equipment usage during the i th time period;

and

B) the instructions direct the computer system to calculate the quantity p_i by employing operations that include:

i) multiplying a credited number of units of usage by a price per unit of usage a pre-update aggregate usage $A_{i-1} + U_i$ and subtracting a total of

previous payments, wherein cumulative payments $\sum_{j=1}^i p_j$ for a number

of time periods are at least equal to an amount determined by multiplying a total of the minimum number of units of usage over the number of time periods the cumulative commitment by the price per unit of usage; and

ii) update updating the credited pre-update aggregated usage to obtain a value for the updated aggregated usage A_i that reflects the cumulative payments when the total of the minimum number of units of usage

22. (Currently Amended): A computer-readable medium as defined in The computer
program of claim 17, further comprising containing instructions to:
identify a number N of time periods as a term for the usage of the equipment;
identify a total commitment for the term of usage as a sum of the minimum number
of units of usage the cumulative commitment C_N for the time periods of the term; and
limit the payments obtained to the total commitment multiplied by the price per unit
of usage.

23. (Currently Amended): A computer-readable medium as defined in The computer
program of claim 22, further comprising containing instructions to obtain a payment to
purchase the equipment when a total of payments exceeds the total commitment multiplied
by the price per unit of usage.

24. (Currently Amended): A computer-readable medium as defined in The computer
program of claim 22, further comprising instructions to:
determine a price per unit of usage based on continued usage of the equipment
beyond the total commitment; and
obtain payments for continued usage based on the continued usage multiplied by the
price per unit of usage.

25. (Currently Amended): A computer-readable medium as defined in The computer
program of claim 17 wherein:

A) $C_i = \sum_{j=1}^i c_j$, where c_j is an incremental commitment for the j th time period;

and

B) the computer-readable medium further comprising contains instructions to
set the minimum number of units of usage incremental commitment for at
least one time period at a start of the equipment usage to a lesser amount than
the minimum number of units of usage incremental commitments for other
time periods.

1 26. (Currently Amended): A computer-readable medium as defined in The computer
2 program of claim 17, further comprising containing instructions to:

3 increase the minimum number of units of usage; and
4 obtain upgrades for the equipment based on the increase.

1 27. (Currently Amended): A computer-readable medium as defined in The computer
2 program of claim 17, further comprising instructions to:

3 remarket the equipment to obtain new equipment; and
4 adjust the payments based on a difference between a market value and a value
5 realized by the remarket.

1 28. (Currently Amended): A computer-readable medium as defined in The computer
2 program of claim 17, wherein the equipment comprises multiple pieces of equipment and
3 wherein the instructions to track usage further comprise instructions to obtain the value of
4 actual usage direct the computer system to combine usage for the multiple pieces of
5 equipment.

1 29. (Original) A method of leasing equipment, comprising:

2 establishing a price per unit of equipment usage;
3 establishing a minimum number of units of equipment usage per time period; and
4 exchanging payments per time period based on multiplying a credited number of
5 units of usage by the price per unit of equipment usage and subtracting a total of previous
6 payments, wherein cumulative payments for a number of time periods are at least equal to
7 an amount determined by multiplying a total of the minimum number of units of equipment
8 usage over the number of time periods by the price per unit of equipment usage; and
9 updating the credited usage to reflect the cumulative payments when the total of the
10 minimum number of units of equipment usage over the number of time periods exceeds the
11 credited usage.

1 30. (Original) A method of leasing equipment for a specified number of time periods,
2 comprising:
3 providing the equipment for use;
4 identifying a value of the equipment;
5 identifying a price per unit of usage based on the value of the equipment;
6 establishing a cumulative minimum number of units of usage per each of the time
7 periods;
8 tracking usage of the equipment for each time period and adding the usage to
9 previous usage to obtain total usage;
10 obtaining payments for usage of the equipment per time period based on multiplying
11 a greater one of the total usage and the cumulative minimum number by the price per unit of
12 usage and subtracting a total of previous payments; and
13 updating the total usage to reflect the cumulative minimum number when the
14 cumulative minimum number is greater than the total usage.

1 31. (Original) A method of depreciating equipment, comprising:
2 establishing a minimum commitment for usage of the equipment per time period;
3 establishing a price per unit of usage;
4 determining a greater one of cumulative usage and cumulative minimum
5 commitment for a time period;
6 multiplying the greater one by the price per unit of usage and subtracting a total of
7 previous depreciation to obtain a depreciation expense for the time period;
8 incurring the depreciation expense; and
9 updating the cumulative usage to reflect the cumulative minimum commitment when
10 the cumulative minimum commitment is greater than the cumulative usage.

1 32. (Currently Amended) A computer program tangibly stored on a computer-readable
2 medium as defined in claim 52 wherein the quantity p_i is the payment for equipment usage
3 during the i th time period, and the instructions direct the computer system and operable to
4 cause a computer to enable depreciation of equipment, the computer program comprising
5 instructions to:

6 ~~establish a minimum commitment for usage of the equipment per time period;~~
7 ~~establish a price per unit of usage;~~
8 ~~determine a greater one of a pre-update credited-aggregated usage $A_{t-1} + u_t$ and the~~
9 ~~cumulative minimum commitment for a time period C_t ;~~
10 ~~multiply the greater one by the price per unit of usage and subtract a total of previous~~
11 ~~depreciation to obtain a depreciation expense for the time period;~~
12 ~~incur the depreciation expense; and~~
13 ~~update the credited pre-update aggregated usage to obtain an updated aggregated~~
14 ~~usage that reflects the cumulative minimum commitment when the cumulative minimum~~
15 ~~commitment is greater than the pre-update aggregated credited usage.~~

1 33. (Currently Amended): A computer-readable medium as defined in The computer
2 program of claim 32, wherein the instructions to establish a price per unit of usage comprise
3 instructions to adjust the price per unit of usage when a predetermined threshold amount of
4 usage is exceeded.

1 34. (Currently Amended): A computer-readable medium as defined in The computer
2 program of claim 32, wherein the instructions to establish a price per unit of usage comprise
3 instructions to:
4 identify costs of the equipment; and
5 determine the price per unit of usage based on the costs of the equipment.

1 35. (Currently Amended): A computer-readable medium as defined in The computer
2 program of claim 34, wherein the instructions to identify costs of the equipment comprise
3 instructions to determine the costs based on at least one of an acquisition cost of the
4 equipment, services to be provided, and supplies to be provided.

1 36. (Currently Amended): A computer-readable medium as defined in The computer
2 program of claim 35, wherein the instructions to identify costs of the equipment further
3 comprise instructions to determine costs based on at least one of an expected value of the

equipment after a predetermined number of time periods, remarketing costs, a time value of money, profit margins, and risk of loss.

37. (Currently Amended): A computer-readable medium as defined in The computer program of claim 32, further comprising wherein the instructions direct the computer system to:

identify a number of time periods N as a term for the usage of the equipment; and
limit the depreciation expense to a total commitment equal to the cumulative commitment C_N , a sum of the minimum commitments for the time periods of the term multiplied by the price per unit of usage.

38. (Currently Amended): A computer-readable medium as defined in The computer program of claim 37, further comprising wherein the instructions to purchase direct that the equipment be purchased when the credited updated aggregated usage exceeds the sum of the minimum commitments C_N .

39. (Currently Amended): A computer-readable medium as defined in The computer program of claim 37, further comprising instructions to:
determine a price per unit of usage based on continued usage of the equipment beyond the sum of the minimum commitments the total commitment; and
incur additional depreciation expense for the continued usage based on the continued usage multiplied by the price per unit of usage.

40. (Currently Amended): A computer-readable medium as defined in The computer program of claim 32, further wherein:

A) $C_i = \sum_{j=1}^i c_j$, where c_j is an incremental commitment for the j th time period;

and

B) the computer-readable medium contains comprising instructions to set the minimum incremental commitment for at least one time period at a start of

the equipment usage to a lesser amount than the ~~minimum incremental~~
commitment for other time periods.

41. (Currently Amended): ~~A computer-readable medium as defined in The computer~~
~~program of claim 32, further comprising instructions to:~~
increase the ~~minimum number of units of usage~~~~cumulative commitments C_i~~; and
obtain upgrades for the equipment based on the increase.

42. (Currently Amended): ~~A computer-readable medium as defined in The computer~~
~~program of claim 32 wherein the further comprising instructions direct the computer system~~
to:
remarket the equipment to obtain new equipment; and
adjust the depreciation expense based on a difference between a market value and a
value realized by the remarket.

43. (Currently Amended): ~~A computer-readable medium as defined in The computer~~
~~program of claim 32, wherein the instructions to incur the depreciation expense further~~
~~comprise instructions to:~~
subtract a credit from the depreciation expense for a time period when the ~~pre-update~~
~~aggregated, credited usage~~ is greater than the ~~total of the minimum number of~~
~~units~~~~cumulative commitment~~ through the time period, and greater than cumulative usage
through the time period; and
update the ~~pre-update aggregated, credited usage~~ ~~obtain an updated aggregated usage~~
~~that~~ to reflect the credit.

44. (Currently Amended): ~~A computer-readable medium as defined in The computer~~
~~program of claim 32, wherein the equipment comprises multiple pieces of equipment, the~~
~~computer program further comprising instructions further directing the computer system to:~~
track usage per time period for each one of the multiple pieces of equipment; and
combine the usages per time period for the multiple pieces of equipment to obtain
the ~~credited actual~~ usage.

45. (New) For specifying at least one of payments for and depreciation of equipment, a method comprising:

- A) obtaining cumulative commitments C_j to usage of the equipment for successive time periods $j = 1, 2, \dots$; and
- B) employing a computer system to, for each given, i th time period of a plurality of the time periods:
 - i) obtain the value u_j of actual usage of the equipment;
 - ii) calculate therefrom a quantity p_i based on a usage value equal to the difference $A_i - A_{i-1}$ between an updated aggregated usage A_i for the given time period and an updated aggregated usage A_{i-1} for the previous time period, where the updated aggregated value A_k for any, k th time period is at least as great as the greater of the k th time period's cumulative commitment C_k and the k th period's cumulative actual usage $U_k = \sum_{j=1}^k u_j$; and
 - iii) provide an output that specifies the quantity thus calculated as at least one of the payment and the depreciation for the given time period.

46. (New) A method as defined in claim 45 wherein A_k is the greater of:

- A) the k th time period's cumulative commitment C_k and
- B) the sum of the k th time period's actual usage u_k and the previous time period's updated aggregated usage A_{k-1} .

47. (New) A method as defined in claim 46 wherein the quantity p_i calculated for the given, i th time period equals the product $r_i \cdot (A_i - A_{i-1})$ of a price r_i per unit of usage and the difference $A_i - A_{i-1}$ between the updated aggregated usages of the given and previous time periods.

48. (New) A method as defined in claim 47 further including at least one of incurring depreciation expense in the amount of p_i and making or receiving a payment in the amount of p_i .

49. (New) A method as defined in claim 45 wherein A_i is the greater of the i th time period's cumulative commitment C_i and the i th time period's cumulative actual usage $U_i = \sum_{j=1}^i u_j$.

50. (New) A method as defined in claim 49 wherein the quantity p_i calculated for the given, i th time period equals the product $r_i \cdot (A_i - A_{i-1})$ of a price r_i per unit of usage and the difference $A_i - A_{i-1}$ between the updated aggregated usages of the given and previous time periods.

51. (New) A method as defined in claim 50 further including at least one of incurring depreciation expense in the amount of p_i and making or receiving a payment in the amount of p_i .

52. (New) For enabling a computer system to specify at least one of payments for and depreciation of equipment for which cumulative commitments C_j of usage of the equipment have been made for successive time periods $j = 1, 2, \dots$, a computer-readable medium containing instructions readable by the computer system to configure the computer system to, for each given, i th time period of a plurality of the time periods:

A) obtain values u_j of actual usage by the user;

B) calculate therefrom a quantity p_i based on a usage value equal to the difference $A_i - A_{i-1}$ between an updated aggregated usage A_i for the given time period and an updated aggregated usage A_{i-1} for the previous time period, where the updated aggregated value A_k for any, k th time period is at

- 11 least as great as the greater of the k th time period's cumulative commitment
12 C_k and the k th period's cumulative actual usage $U_k = \sum_{j=1}^k u_j$; and
13 C) provide an output that specifies the quantity thus calculated as at least one of
14 the payment and the depreciation for the given time period.

1 53. (New) A computer-readable medium as defined in claim 52 wherein A_k is the greater
2 of:

- 3 A) the k th time period's cumulative commitment C_k and
4 B) the sum of the k th time period's actual usage u_k and the previous time
5 period's updated aggregated usage A_{k-1} .

1 54. (New) A computer-readable medium as defined in claim 53 wherein the quantity p_i
2 calculated for the given, i th time period equals the product $r_i \cdot (A_i - A_{i-1})$ of a price r_i per
3 unit of usage and the difference $A_i - A_{i-1}$ between the updated aggregated usages of the
4 given and previous time periods.

1 55. (New) A computer-readable medium as defined in claim 52 wherein A_i is the greater of
2 the i th time period's cumulative minimum commitment C_i and the i th time period's
3 cumulative actual usage $U_i = \sum_{j=1}^i u_j$.

1 56. (New) A computer-readable medium as defined in claim 55 wherein the quantity p_i
2 calculated for the given, i th time period equals the product $r_i \cdot (A_i - A_{i-1})$ of a price r_i per unit
3 of usage and the difference $A_i - A_{i-1}$ between the updated aggregated usages of the given and
4 previous time periods.

1 57. (New) For specifying at least one of payments for and depreciation of equipment for
2 which cumulative commitments C_j of usage of the equipment have been made for successive

time periods $j = 1, 2, \dots$, a computer system configured to, for each given, i th time period of a plurality of the time periods:

- A) obtain values u_j of actual usage by the user;
- B) calculate therefrom a quantity p_i based on a usage value equal to the difference $A_i - A_{i-1}$ between an updated aggregated usage A_i for the given time period and an updated aggregated usage A_{i-1} for the previous time period, where the updated aggregated value A_k for any, k th time period is at least as great as the greater of the k th time period's cumulative commitment

$$C_k \text{ and the } k\text{th period's cumulative actual usage } U_k = \sum_{j=1}^k u_j ; \text{ and}$$

- C) provide an output that specifies the quantity thus calculated as at least one of the payment and the depreciation for the given time period.

58. (New) A computer system as defined in claim 57 wherein"

A_k is the greater of:

- A) the k th time period's cumulative commitment C_k and
- B) the sum of the k th time period's actual usage u_k and the previous time period's updated aggregated usage A_{k-1} .

59. (New) A computer system as defined in claim 58 wherein the quantity p_i calculated for the given, i th time period equals the product $r_i \cdot (A_i - A_{i-1})$ of a price r_i per unit of usage and the difference $A_i - A_{i-1}$ between the updated aggregated usages of the given and previous time periods.

60. (New) A computer system as defined in claim 57 wherein A_i is the greater of the i th time period's cumulative minimum commitment C_i and the i th time period's cumulative

actual usage $U_i = \sum_{j=1}^i u_j$.

- 1 61. (New) A computer system as defined in claim 60 wherein the quantity p_i calculated for
2 the given, i th time period equals the product $r_i \cdot (A_i - A_{i-1})$ of a price r_i per unit of usage and
3 the difference $A_i - A_{i-1}$ between the updated aggregated usages of the given and previous
4 time periods.